

E

# Skip counting in tenths, hundredths and thousandths

## Activity 5



1 Work with a partner.

Take turns to say the first eight numbers and write them down.

- a Start at 12.006 and count on in 0.001s
- b Start at 3.018 and count back in 0.001s
- c Start at 0.999 and count on in 0.001s
- d Start at 15 and count back in 0.001s
- e Start at 15.05 and count back in 0.001s
- f Start at 20.4 and count back in 0.001s
- g Start at 20 and count on in 0.004s
- h Start at 16 and count back in 0.004s

For the first one you would say 12.007 and then your partner would say 12.008 and then you would say 12.009 and so on.



2 Use a number fan and work with a partner. Say the number asked for and then write it down. Write each one in words and using digits.

What are the numbers that are


- a one tenth more than and one tenth less than
  - i 2.4?    ii 3.78?    iii 5?    iv 3.007?    v 2.99?    vi 19.95?
- b one hundredth more than and one hundredth less than
  - i 3.88?    ii 2.99?    iii 7?    iv 5.090?    v 16.99?
- c one thousandth more than and one thousandth less than
  - i 4.78?    ii 3.999?    iii 8?    iv 4.009?    v 12.999?

3 Copy this diagram into your book.

Find the answers to these and shade the box on your diagram that contains the answer.

What is

- a 0.1 more than 6.932?    b 0.01 less than 4.10?
- c 0.09 less than 12.685?    d 0.04 more than 0.088?
- e 0.001 more than 5.389?    f 0.001 less than 4.72?
- g 0.003 more than 4.698? What letter do you get?



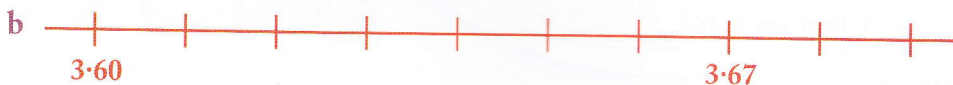
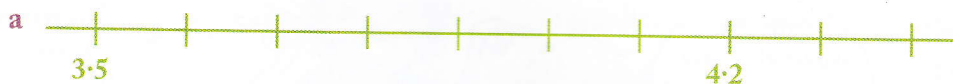
12.595	4.09	4.701
0.012	5.39	5.399
3.04	7.032	4.71
6.933	4.719	4.680
4.00	0.128	12.676

4 What needs to be added or subtracted to change

- a 4.624 to 4.644?    b 8.759 to 8.959?    c 5.241 to 5.237?

- 5 A street is to be resurfaced. At present the tarseal surface is 1.38 km long. The tarseal is to be extended by 40 m. How long will the new tarseal surface be?

- 6 Copy these number lines and put in the missing numbers on each division of the line.

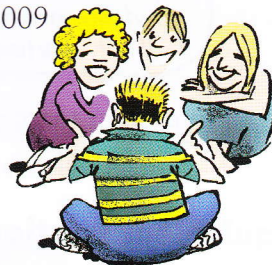


## Less is better game



A die, two blue cards, one with "count on" and one with "count back".

A set of nine red cards with 0.001, 0.002, 0.003 ... 0.009



- Sit in a circle.
- Each player rolls the die.  
The person with the highest number is the leader for the first round.
- The leader says out loud a number between 1 and 20 and then chooses one blue and one red card. The leader then says this sentence:  
"Count **on/back** (blue card) in **0.001s/0.002s/0.003s/ ... 0.009s** (red card)"
- Keep going around the circle to the left counting in the way the leader has chosen.
- If someone says a wrong number, the rest of the group says "out".  
This person is the new leader and takes five penalty points.
- The person with the fewest points at the end is the winner.